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Appl. No. : 10/685,978
Page : 2

In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A foot-operated controller comprising:
a shoe insole insert including a substrate having a plurality of pressure sensors mounted at selected locations on the substrate to facilitate control of a controllable device by application of pressure from selected parts of a foot to the sensors; and
a microprocessor for receiving input from the sensors and converting the sensor inputs into commands for the controllable device.
2. (Previously Presented) The foot-operated controller of claim 1, further comprising a radio transmitter for sending the commands to the controllable device.
3. (Currently Amended) The foot-operated controller of claim 1, located on or within ~~the~~ insole of a shoe.
4. (Previously Presented) The foot-operated controller of claim 1, in which the microprocessor is hard-wired to the controllable device.
5. (Original) The foot-operated controller of claim 1, wherein the microprocessor is located on the substrate.
6. (Currently Amended) A prosthetic system comprising:
a controllable prosthetic device;
a shoe insole insert ~~a foot-operated controller~~ including a substrate having a plurality of pressure sensors mounted at selected locations on the substrate to facilitate control of the

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Appln. No. : 10/685,978
Page : 3

controllable prosthetic device by application of pressure from selected parts of a foot to the sensors; and

a microprocessor for receiving input from the sensors and converting the sensor inputs into commands for the controllable prosthetic device.

7. (Original) The prosthetic system of claim 6, wherein the prosthetic device is a prosthetic hand.

8. (Previously Presented) The prosthetic system of claim 6, further comprising a radio transmitter for sending the commands to the controllable prosthetic device.

9. (Currently Amended) The prosthetic system of claim 6, located on or within ~~the insole~~ of a shoe.

10. (Previously Presented) The prosthetic system of claim 6, in which the microprocessor is hard-wired to the controllable device.

11. (Original) The prosthetic system of claim 6, wherein the microprocessor is located on the substrate.

12. (Previously Presented) The foot-operated controller of claim 1 further comprising a controllable prosthetic device operatively connected to the microprocessor to provide commands to the controllable prosthetic device in response to input from the sensors of the foot-operated controller.